



ONLINE VETERINARY ANATOMY MUSEUM

**Presented by Darren Kelly, OVAM e-Curator  
University College Dublin, on behalf of OVAM**

[www.onlineveterinaryanatomy.net](http://www.onlineveterinaryanatomy.net)

# OVAM Partners

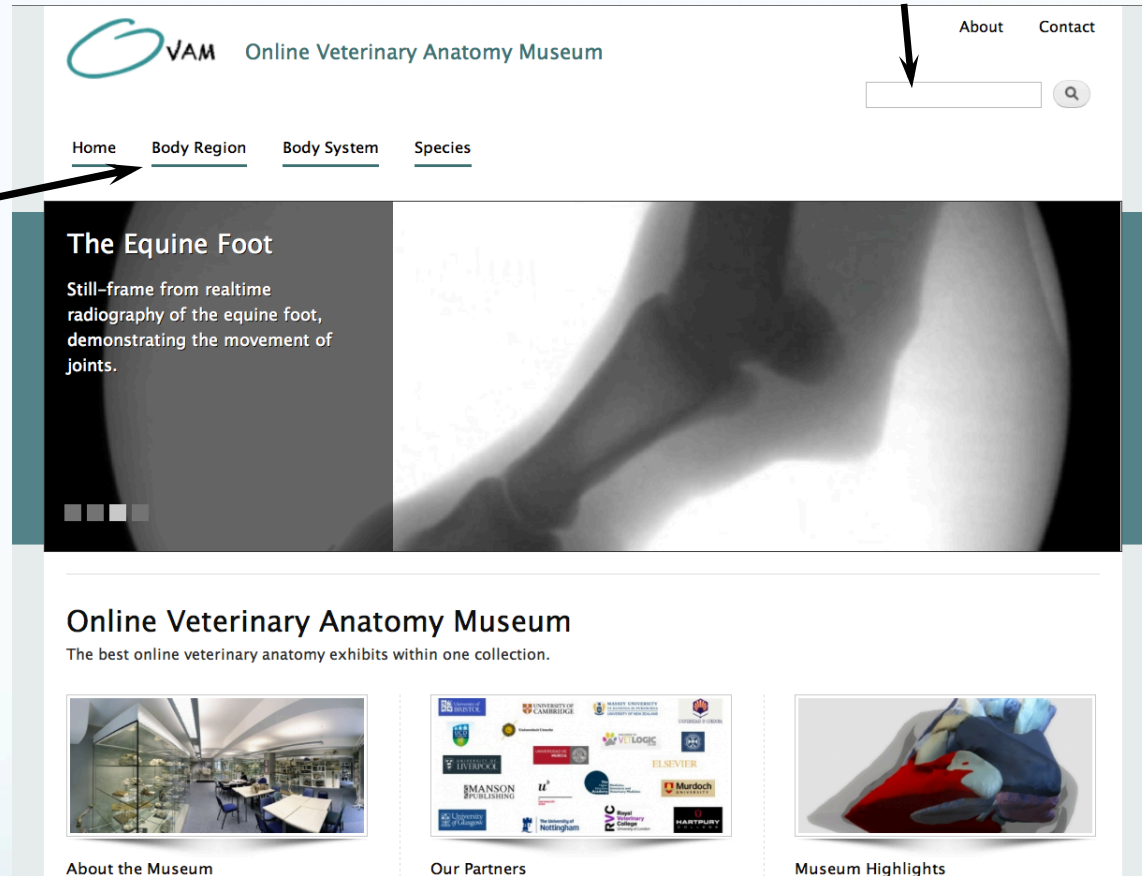


# OVAM

- The Online Veterinary Anatomy Museum (OVAM) is a collaboration between 20 partners (schools, publishers and others) in 8 different countries.
- This represents one of the largest collaborative international projects in veterinary anatomy ever undertaken.
- The original project was funded by Jisc
- The museum can be found at:  
[www.onlineveterinaryanatomy.net](http://www.onlineveterinaryanatomy.net)

Content can also be searched using the search function for 'keywords'.

Material is structured using species, body systems and body regions as a basis for navigation.



The structure of this virtual museum mirrors the conventional model, with a 'backroom stack', display 'cabinets' and student 'curators'.

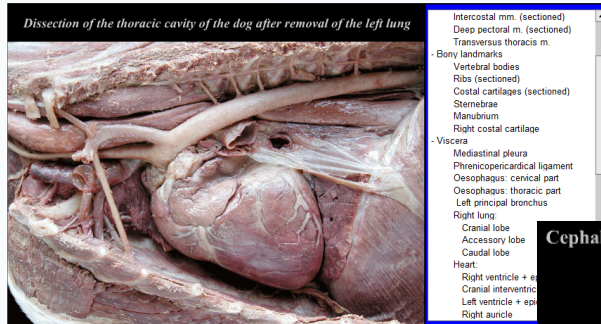


# What is in the Museum?

- To date there are more than 1,800 resources available, the majority of which are available publicly and for free. These include images, documents, presentations, flash animations, videos and 3D visualisations.
- A range of topics related to anatomy are covered, such as histology, dissection, osteology, and even some embryology.
- Also a number of learning resources in the form of multiple-choice quiz questions and interactive 'drag-and-drop' activities.
- Revision lectures by leading anatomists.

## University of Murcia, Spain

- Interactive anatomy of the pig, bird, fish, canine musculoskeletal and visceral systems.

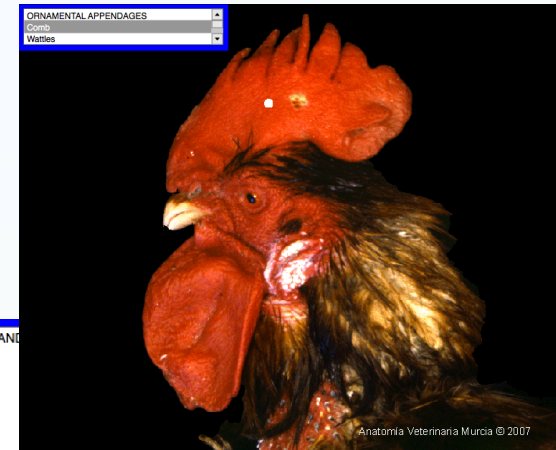


Cephalic skeleton and thoracic vertebral column of a Yellowtail fish (*Seriola dumerili*)



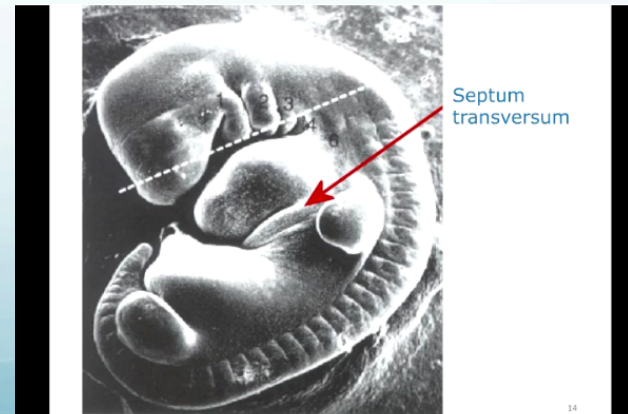
CEPHALIC SKELETON AND

- Head (bones)  
Dentary  
Maxilla  
Premaxilla  
Dermethmoid  
Nasal  
Frontal  
Lacrimal  
Preorbital  
Pterigoyd  
Articular  
Quadrate  
Postorbital  
Parasphenoid  
Mesopterygoid  
Parietal  
Supraorbital  
Sphenotic  
Occipital



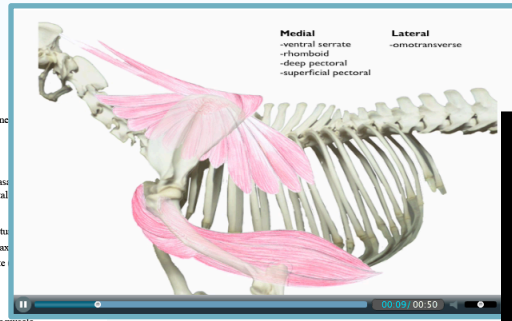
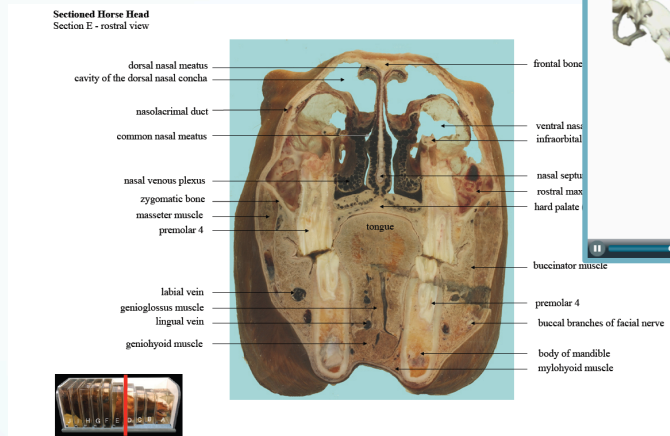
## University of Utrecht, Holland

- Anatomy of the cat with removable layers
- A number of anatomical quizzes



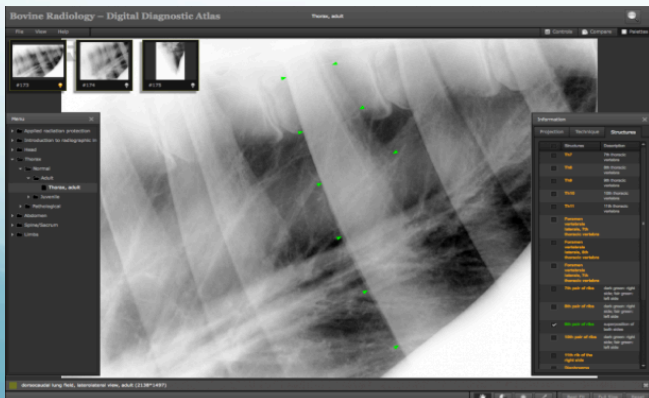
## Murdoch University, New Zealand

- Sectioned equine head and collection of images, including numerous skulls from different species.
- Animated flashcards showing innervation/insertion/origin of canine muscles



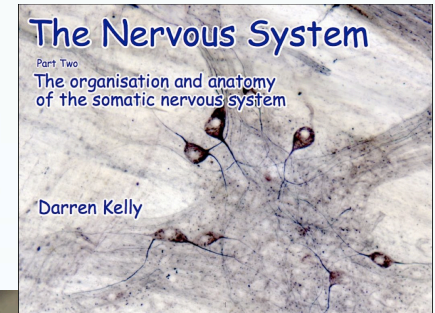
## University of Bern, Switzerland

- Atlas of bovine radiographic anatomy
- 3D visualisations of the CNS



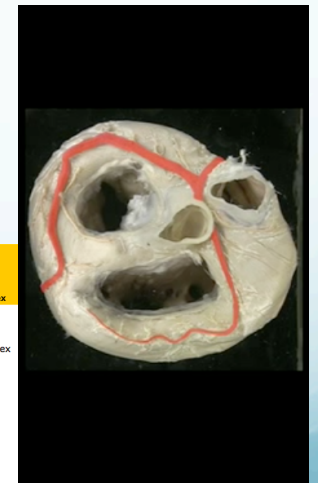
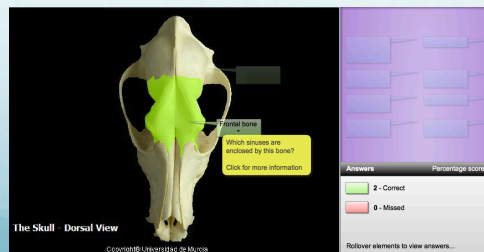
## University College Dublin, Ireland

- Presentations covering various aspects of the nervous system.
- Short videos detailing dissection anatomy of various structures.



## Royal Veterinary College, London

- Numerous high resolution anatomical images and potcasts
- 3D model of the horses distal limb and canine ocular reflexes resource
- A selection of drag and drop exercises





# Uses for OVAM

- Although OVAM has a veterinary focus it contains a whole range of materials which are useful students from non-veterinary backgrounds wishing to study comparative anatomy and zoology.
- Resources are useful both as learning tools and to aid revision of previously studied topics, incorporating interactive learning resources.
- Incorporation of OVAM materials into the curriculum to aid teaching and student understanding.

## Quotes from e-Curators

*"In my opinion the Online Veterinary Anatomy Museum is a great example of the type of resources students should be using. It offers a huge range of visual resources which complement and are possibly more beneficial than reading textbooks."*

*"Working alongside veterinary students and professionals, industry experts and publishing brands was inspiring for myself, a non-veterinary student. The OVAM project is innovative and an extremely useful educational tool which I am proud to have been a part of. The experience is one I will take forward with me into my future career."*

## Quotes from Academics

*"It is really impressive to see what you have achieved in such a short time. I am so enthusiastic about the project that I am encouraging as many people as possible to use it."*

# OVAM

- OVAM is closely linked to the WikiVet project ([www.wikivet.net](http://www.wikivet.net)), a site that has been developed to support veterinary education by aiming to provide an entire online curriculum for vets.
- The OVAM site was officially launched in November 2012 and since then has had over 170,000 page views.
- It is intended to continue to add to the number of partners and expand therefore expand the content available.
- **Partnership** in the project provides many benefits, including access to thousands of resources in the museum stack which are freely available for use by partners under a Creative Commons licence.





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If you are interested in joining the project please contact  
[ovam@wikivet.net](mailto:ovam@wikivet.net)